

Project Title	Funding	Strategic Plan Objective	Institution
Multiplexed suspension arrays to investigate newborn and childhood blood samples for potential immune biomarkers of autism	\$0	Q1.L.A	Centers for Disease Control and Prevention (CDC)
Placental vascular tree as biomarker of autism/ASD risk	\$0	Q1.L.A	Research Foundation for Mental Hygiene, Inc.
Abnormal vestibulo-ocular reflexes in autism: A potential endophenotype	\$0	Q1.L.A	University of Florida
Identification of lipid biomarkers for autism	\$0	Q1.L.A	Massachusetts General Hospital
Biomarkers for autism and for gastrointestinal and sleep problems in autism	\$0	Q1.L.A	Yale University
Epigenetic biomarkers of autism in human placenta	\$0	Q1.L.A	University of California, Davis
Serum antibody biomarkers for ASD	\$0	Q1.L.A	University of Texas Southwestern Medical Center
CDI-Type I: Understanding regulation of visual attention in autism through computational and robotic modeling	\$0	Q1.L.B	Yale University
HCC: Medium: Automatic detection of atypical patterns in cross-modal affect	\$0	Q1.L.B	Oregon Health & Science University
A novel quantitative framework to study lack of social interactions in autism	\$0	Q1.L.B	Rutgers, The State University of New Jersey - New Brunswick
Identifying neurobiological markers of the broader autism phenotype	\$0	Q1.L.B	University of Melbourne
A prospective multi-system evaluation of infants at risk for autism	\$0	Q1.L.B	Massachusetts General Hospital
A prospective multi-system evaluation of infants at risk for autism	\$0	Q1.L.B	Massachusetts General Hospital
Family studies of sensorimotor and neurocognitive heterogeneity in autism spectrum disorders (ASD)	\$0	Q1.L.B	University of Texas Southwestern Medical Center
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	\$0	Q1.L.C	Johns Hopkins University
Atypical pupillary light reflex in individuals with autism	\$0	Q1.Other	University of Missouri
Social and statistical mechanisms of prelinguistic vocal development	\$0	Q1.Other	Cornell University
Dissertation research: Translating diagnoses across cultures: Expertise, autism, and therapeutics of the self in Morocco	\$0	Q1.Other	Columbia University
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of California, San Diego
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of Miami
How autism affects speech understanding in multitalker environments	\$0	Q2.Other	University of Maryland, College Park
Neural basis of empathy and its dysfunction in autism spectrum disorders (ASD)	\$0	Q2.Other	Duke University
Role of autism-susceptibility gene, CNTNAP2, in neural circuitry for vocal communication	\$0	Q2.Other	University of California, Los Angeles

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MTHFR functional polymorphism C677T and genomic instability in the etiology of idiopathic autism in simplex families	\$0	Q2.Other	Queen's University
White matter glial pathology in autism	\$0	Q2.Other	East Tennessee State University
Serotonin signal transduction in two groups of autistic patients	\$0	Q2.Other	University of Illinois at Chicago
Self-injurious behavior: An animal model of an autism endophenotype	\$0	Q2.Other	University of Florida
Excessive cap-dependent translation as a molecular mechanism underlying ASD	\$0	Q2.Other	New York University
Developing novel automated apparatus for studying battery of social behaviors in mutant mouse models for autism	\$0	Q2.Other	Weizmann Institute of Science
Exploring the uncanny valley	\$0	Q2.Other	Carnegie Mellon University
Collaborative research: Learning complex auditory categories	\$0	Q2.Other	Carnegie Mellon University
Collaborative research: RUI: Perceptual pick-up processes in interpersonal coordination	\$0	Q2.Other	College of the Holy Cross
Face perception: Mapping psychological spaces to neural responses	\$0	Q2.Other	Stanford University
Synchronous activity in networks of electrically coupled cortical interneurons	\$0	Q2.Other	University of California, Davis
CAREER: Integrative behavioural and neurophysiological studies of normal and autistic cognition using video game environments	\$0	Q2.Other	Cornell University
CAREER: The role of prosody in word segmentation and lexical access	\$0	Q2.Other	Michigan State University
CAREER: Dissecting the neural mechanisms for face detection	\$0	Q2.Other	California Institute of Technology
Dimensions of mind perception	\$0	Q2.Other	Harvard University
CDI-TYPE II: From language to neural representations of meaning	\$0	Q2.Other	Carnegie Mellon University
HCC:Small:Computational studies of social nonverbal communication	\$0	Q2.Other	University of Southern California
Multiple systems in theory of mind development	\$0	Q2.Other	Rutgers, The State University of New Jersey - New Brunswick
Collaborative research: Modeling perception and memory: Studies in priming	\$0	Q2.Other	University of California, San Diego
Infants' developing representation of object function	\$0	Q2.Other	University of California, Davis
Collaborative research: Learning complex auditory categories	\$0	Q2.Other	University of Arizona

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Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
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The Study of Toddlers with Autism and Regression (STAR) Protocol – Screening for treatable disorders and biomarkers of inflammation and immune activation in the plasma and CNS	\$0	Q2.S.A	Surrey Place Centre, Toronto
Mechanisms of mitochondrial dysfunction in autism	\$0	Q2.S.A	Georgia State University
Systematic characterization of the immune response to gluten and casein in autism spectrum disorders	\$0	Q2.S.A	Weill Cornell Medical College
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	University of Rochester
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	Arkansas Children's Hospital Research Institute
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	State University of New York at Potsdam
Modulation of fxr1 splicing as a treatment strategy for autism in fragile X syndrome	\$0	Q2.S.D	Stanford University
The functional link between DISC1 and neuroligins: Two genetic factors in the etiology of autism	\$0	Q2.S.D	Children's Memorial Hospital, Chicago
Epileptiform discharges and its relation to cognition and behavior in children with autism spectrum disorders	\$0	Q2.S.E	Vanderbilt University
Altered gastrointestinal function in the neuroligin-3 mouse model of autism	\$0	Q2.S.E	University of Melbourne
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Altered gastrointestinal function in the neuroligin-3 mouse model of autism	\$0	Q2.S.E	University of Melbourne
Neural correlates of restricted, repetitive behaviors in autism spectrum disorders	\$0	Q2.S.G	Massachusetts General Hospital
Neural correlates of restricted, repetitive behaviors in autism spectrum disorders	\$0	Q2.S.G	Massachusetts General Hospital
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Harvard University
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Harvard University
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Massachusetts General Hospital
A history of behavioral genetics	\$0	Q3.Other	University of Pittsburgh

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EPA/NIEHS Center for Children's Environmental Health (CCEH) at UC Davis	\$0	Q3.S.C	University of California, Davis
Risk factors, comorbid conditions, and epidemiology of autism in children	\$0	Q3.S.H	Henry M. Jackson Foundation
Maternal cholesterol and autism	\$0	Q3.S.H	Oregon Health & Science University
Analysis of the small intestinal microbiome of children with autism	\$0	Q3.S.I	Massachusetts General Hospital
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	\$0	Q3.S.J	Kennedy Krieger Institute
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	\$0	Q3.S.J	Johns Hopkins University
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	\$0	Q4.L.A	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	\$0	Q4.L.A	University of Medicine & Dentistry of New Jersey
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	\$0	Q4.L.A	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Metabolic signature of antipsychotics used in the treatment of autism	\$0	Q4.L.C	University of Cincinnati
Development of an intervention to enhance the social competencies of children with Asperger's/high functioning autism spectrum disorders	\$0	Q4.L.D	University at Buffalo, The State University of New York
Related services intervention for expressive and receptive language skills in autism spectrum disorder and in cognitive impairment	\$0	Q4.L.D	Vanderbilt University
Parent-implemented social-pragmatic communication intervention for young children with developmental disabilities	\$0	Q4.L.D	Illinois State University
Developing a school-based social competence intervention (SCI)	\$0	Q4.L.D	University of Missouri
Developing a 3D-based virtual learning environment for use in schools to enhance the social competence of youth with autism spectrum disorder	\$0	Q4.L.D	University of Missouri
Translating pivotal response training into classroom environments	\$0	Q4.L.D	Rady Children's Hospital Health Center
Social communication and symbolic play intervention for preschoolers with autism	\$0	Q4.L.D	University of North Carolina at Chapel Hill
Comparison of two comprehensive treatment models for preschool-aged children with autism spectrum disorders and their families	\$0	Q4.L.D	University of North Carolina at Chapel Hill
Utility of social robots for promoting joint attention in infants and toddlers with disabilities	\$0	Q4.Other	Orelana Hawks Puckett Institute

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Using robotics to promote social cognitive skills in the inclusive classroom	\$0	Q4.Other	Anthrotronix, Inc.
Parent-based sleep education program for children with autism spectrum disorders	\$0	Q4.Other	Vanderbilt University
Novel therapeutic targets to treat social behavior deficits in autism and related disorders	\$0	Q4.S.B	University of Texas Health Science Center at San Antonio
Development of a high-content neuronal assay to screen therapeutics for the treatment of cognitive dysfunction in autism spectrum disorders	\$0	Q4.S.B	Massachusetts Institute of Technology
Examination of the mGluR-mTOR pathway for the identification of potential therapeutic targets to treat fragile X	\$0	Q4.S.B	University of Pennsylvania
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
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Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Novel probiotic therapies for autism	\$0	Q4.S.B	California Institute of Technology
Intranasal oxytocin for the treatment of children and adolescents with autism spectrum disorders (ASD)	\$0	Q4.S.C	Holland Bloorview Kids Rehabilitation Hospital
A randomized, controlled trial of intranasal oxytocin as an adjunct to behavioral therapy for autism spectrum disorder	\$0	Q4.S.C	Massachusetts General Hospital
Efficacy and sustainability of the STAR program	\$0	Q4.S.D	University of Pennsylvania
Comprehensive autism program using Strategies for Teaching based on Autism Research	\$0	Q4.S.D	Portland State University
Improving synchronization and functional connectivity in autism spectrum disorders through plasticity-induced rehabilitation training	\$0	Q4.S.F	University of California, San Diego
A randomized clinical trial of cognitive enhancement therapy for adults with autism spectrum disorders	\$0	Q4.S.F	University of Pittsburgh
Development of an internet-based parent training intervention for children with ASD	\$0	Q5.L.A	Michigan State University
SOTELCO in classroom settings	\$0	Q5.L.A	University of Kansas Medical Center Research Institute, Inc.
Project STARS: Specialized Training in Autism for Rural Schools	\$0	Q5.L.A	West Virginia University Research Corporation
Experimental evaluation of the Online and Applied System for Intervention Skills (OASIS) training program using video-conferencing for parents of children with an autism spectrum disorder	\$0	Q5.L.A	University of Kansas Medical Center Research Institute, Inc.

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Project DART: Distance Education for Autism Personnel in Rural Texas	\$0	Q5.L.A	University of North Texas
Using technology to expand and enhance applied behavioral analysis programs for children with autism in military families	\$0	Q5.L.A	University of Nebraska Medical Center
Innovative Adaptation & Dissemination of CER Products: Autism (iADAPT-ASD)	\$0	Q5.L.A	University of Southern California
Project SCIPP (Significant Cognitive Disabilities Personnel Preparation - A Multi-University Consortium)	\$0	Q5.L.A	University of Florida
Southern Connecticut State University Center for Excellence on Autism Spectrum Disorders	\$0	Q5.L.C	Southern Connecticut State University
Preparation of personnel to serve school age children with low incidence disabilities: Focus on high quality instruction in core academic area in the least restrictive environment	\$0	Q5.L.C	University of New Hampshire
Autism interventions and innovative evaluation of teacher quality	\$0	Q5.L.C	Texas A & M International University
National Center on Inclusive Education for Children with Autism Spectrum Disorders and Related Disabilities	\$0	Q5.L.C	University of New Hampshire - Institute on Disability/University Center for Excellence on Disability (UCED)
Project Adapted PE	\$0	Q5.L.C	University of Utah
Project Manawa Kupono (Opportunity): Preparing educators to improve outcomes for students with autism	\$0	Q5.L.C	University of Hawaii
The Professional Development Center: Children with autism spectrum disorders	\$0	Q5.L.C	University of North Carolina at Chapel Hill
Project CAT (Comprehensive Autism Teaching)	\$0	Q5.L.C	Touro University
The effects of a bicycle training intervention on health, physical activity, sleep, and community participation in youth with Down syndrome and autism spectrum disorders	\$0	Q5.L.D	University of Michigan
Preparing tomorrow's school psychology faculty to meet the needs of children with disabilities using evidence-based practices	\$0	Q5.Other	University of Utah
Special educator preparation in autism spectrum disorders	\$0	Q5.Other	University of Central Florida
Futures Project: Preparing special educators to use evidence-based practices to support desirable futures for students with significant disabilities	\$0	Q5.Other	Portland State University
KSU student chapter of the IEEE EMBS as a focal point for senior design projects to aid children with disabilities	\$0	Q5.Other	Kansas State University
Center for Education and Research on Mental Health Therapeutics	\$0	Q5.Other	Rutgers, The State University of New Jersey - New Brunswick
Communication, autism, and technology	\$0	Q5.Other	University of Kansas Medical Center Research Institute, Inc.

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Preparation of occupational therapists and physical therapists for service provision in early intervention and related services	\$0	Q5.Other	University of Oklahoma
Preparing special educators to be leaders in the implementation of effective techniques for supporting children and youth with autism spectrum disorders	\$0	Q5.Other	Santa Clara University
Recruiting and preparing highly qualified special educators	\$0	Q5.Other	University of Central Florida
East Carolina University Pathways	\$0	Q5.Other	East Carolina University
Consortium for promoting cross-linguistic understanding of communication disabilities in children	\$0	Q5.Other	East Tennessee State University
Preparing early childhood special educators, occupational therapists, and speech-language pathologists for working with young children with autism and their families	\$0	Q5.Other	University of North Carolina at Chapel Hill
Project Connect: Connecting school districts with highly qualified teachers in low-incidence disabilities	\$0	Q5.Other	University of Nevada
Sustaining evidence-based practice for young learners with autism spectrum disorders through a M.A. degree program	\$0	Q5.Other	San Diego State University
Personnel preparation for serving children with low incidence disabilities	\$0	Q5.Other	University of Vermont and State Agricultural College
Early Response Learning Initiative (EARLI)	\$0	Q5.Other	University of Virginia
Personnel to serve students with autism and significant cognitive disabilities	\$0	Q5.Other	Pace University
Florida's state personnel development grant	\$0	Q5.Other	Florida Department of Education
Training school psychologists as specialists in the inclusion of students with autism	\$0	Q5.Other	Lehigh University
Project DATA (Developmentally Appropriate Treatment for Autism) for teachers: Preparing teachers for toddlers and preschoolers with autism spectrum disorder	\$0	Q5.Other	University of Washington
Preparing school psychologists to work with children with autism using evidence-based practices	\$0	Q5.Other	University of Utah
Improving speech-language pathology services to children with severe disabilities through pre-professional and professional training	\$0	Q5.Other	Western Carolina University
Leadership in Family-Centered Early Intervention (LIFE) personnel preparation program	\$0	Q5.Other	Florida State University
Access, quality and financial implications of the transitions of children with autism	\$0	Q5.S.A	University of North Carolina at Chapel Hill
PA Community on Transition: Achieving outcomes through a shared agenda	\$0	Q6.L.A	Pennsylvania Office of Vocational Rehabilitation - Department of Labor & Industry

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Evaluating and enhancing driving ability among teens with autism spectrum disorder (ASD)	\$0	Q6.L.A	University of Iowa
Evaluating and enhancing driving ability among teens with autism spectrum disorder (ASD)	\$0	Q6.L.A	University of Virginia
Training personnel to teach school-age children with autism	\$0	Q6.L.A	Auburn University
Evaluating and enhancing driving skills of individuals with Asperger's and high-functioning autism	\$0	Q6.L.A	University of Virginia
Preparation for transition and secondary teachers of students with low-incidence disabilities	\$0	Q6.S.D	Kent State University
State of the states in services and supports for persons with autism spectrum disorder.	\$0	Q7.B	Centers for Medicare & Medicaid Services (CMS)
Project STARS: Systematic Training for Autism Researchers and School Personnel	\$0	Q7.K	University of North Texas
Preparation of leadership personnel to serve infants, toddlers, children, and youth with autism	\$0	Q7.K	Florida State University
Preparing SLPs, OTs, early childhood special educators, and developmental psychologists for leadership roles in teaching, research, and service focused on young children with autism and their families	\$0	Q7.K	University of North Carolina at Chapel Hill
Leadership training in severe disabilities/autism	\$0	Q7.K	Vanderbilt University
Comprehensive clinical phenotyping and genetic mapping for the discovery of autism susceptibility genes.	\$0	Q7.Other	Nationwide Children's Hospital
The effects of autism on the sign language development of deaf children (supplement)	\$1,188	Q2.Other	Boston University
Leadership Education in Neurodevelopmental Disabilities	\$2,500	Q1.S.B	University of Alabama at Birmingham
Environmentally Triggered Neurodevelopmental Disorders: Focus on Endocrine Disruption and Sex Differences in Autism, ADHD, and Schizophrenia	\$3,000	Q7.K	University of Arkansas for Medical Sciences
Leadership Education in Neurodevelopmental Disabilities	\$3,300	Q5.L.C	University of Oklahoma
Leadership Education in Neurodevelopmental Disabilities	\$3,392	Q5.L.A	University of Arizona
Leadership Education in Neurodevelopmental Disabilities	\$5,484	Q5.L.C	University of Minnesota
Leadership Education in Neurodevelopmental Disabilities	\$5,500	Q5.L.C	University of Alaska, Anchorage
Leadership Education in Neurodevelopmental Disabilities	\$6,000	Q5.L.C	University of Tennessee Health Science Center
CAREER: Statistical models and classification of time-varying shape	\$8,000	Q2.Other	University of Utah



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Extended tracking of single synaptic proteins with upconverting nanoparticles	\$10,819	Q2.Other	University of California; Lawrence Berkeley National Laboratory
The role of intracellular metabotropic glutamate receptor 5 at the synapse	\$13,400	Q2.S.D	Washington University in St. Louis
Selective disruption of hippocampal dentate granule cells in autism: Impact of PT (supplement)	\$14,596	Q2.S.E	Cincinnati Children's Hospital Medical Center
2012 Fragile X and Autism-Related Disorders: From Basic Neuroscience to Improved	\$15,000	Q7.K	Gordon Research Conferences
The neural substrates of social interactions	\$15,865	Q2.Other	University of Iowa
HCC-Medium: Personalized socially-assistive human-robot interaction: Applications to autism spectrum disorder	\$19,420	Q4.Other	University of Southern California
Autism Registry (supplement)	\$20,045	Q7.C	Group Health Cooperative
Elucidating the function of class 4 semaphorins in GABAergic synapse formation (supplement)	\$23,015	Q2.Other	Brandeis University
Project 1: Effect of multi-level environmental exposure on birth outcomes	\$23,798	Q3.S.C	University of California, Berkeley
Regulation of 22q11 genes in embryonic and adult forebrain (supplement)	\$24,262	Q2.S.D	George Washington University
Leadership Education in Neurodevelopmental Disabilities	\$26,000	Q4.Other	University of Pennsylvania
The neural bases of top-down attentional control in autism spectrum disorders	\$27,578	Q2.Other	City College of New York
Semaphorin4D and PlexinB1 mediate GABAergic synapse development in mammalian CNS	\$27,814	Q2.Other	Brandeis University
Pragmatics and semantics in autism spectrum disorder	\$29,155	Q2.Other	City University of New York Graduate School and University Center
Reducing obesity risk in children with developmental disabilities	\$29,999	Q5.L.D	Temple University
Transcriptional regulators in normal human brain development and autism	\$30,002	Q2.Other	University of California, Los Angeles
Core E: Statistical Analysis Core (supplement)	\$30,783	Q7.Other	University of California, Davis
Core D: Molecular Genomics Core (supplement)	\$30,783	Q7.Other	University of California, Davis
Core B: Outreach and Translation (supplement)	\$30,783	Q7.Other	University of California, Davis
Project 2: Immunological susceptibility of autism (supplement)	\$30,784	Q2.S.A	University of California, Davis
Core C: Analytical Core (supplement)	\$30,784	Q7.Other	University of California, Davis
Modulation of RhoA signaling by the mRNA binding protein hnRNPQ1	\$30,912	Q2.Other	Emory University
Elucidation of the developmental role of Jakmip1, and autism-susceptibility gene	\$31,474	Q2.Other	University of California, Los Angeles

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The striatal circuitry underlying autistic-like behaviors	\$31,975	Q2.Other	Duke University
Investigation of sex differences associated with autism candidate gene, Cyfip1	\$32,413	Q2.S.B	University of California, Los Angeles
Homeostatic regulation of presynaptic function by dendritic mTORC1	\$32,747	Q2.Other	University of Michigan
Cortactin and spine dysfunction in fragile X	\$32,875	Q2.S.D	University of California, Irvine
Sensitive periods in cerebellar development	\$32,941	Q2.S.A	University of Maryland, Baltimore
L-type calcium channel regulation of neuronal differentiation	\$33,002	Q2.S.D	Stanford University
Neural mechanisms of imitative behavior: Implications for mental health	\$33,128	Q2.Other	University of California, Los Angeles
Statistical word learning and non-social visual attention in children with autism	\$33,148	Q2.Other	University of Wisconsin - Madison
Presynaptic regulation of quantal size by the cation/H <sup>+</sup> exchangers NHE6 & NHE9	\$33,932	Q2.Other	University of California, Berkeley
Trial of a glutamate antagonist in the treatment of OCD and autistic disorders	\$33,959	Q4.L.A	National Institutes of Health
Mechanism of UBE3A imprint in neurodevelopment	\$34,439	Q2.S.D	University of California, Davis
Integrative functions of the planum temporale (supplement)	\$34,768	Q2.Other	University of California, Irvine
Robot child interactions as an intervention tool for children with autism (supplement)	\$35,325	Q7.H	University of Connecticut
Investigating the homeostatic role of MeCP2 in mature brain	\$35,832	Q2.S.D	Baylor College of Medicine
Social-emotional development of infants at risk for autism spectrum disorders (supplement)	\$39,002	Q1.L.B	University of Washington
High throughput sequencing of autism spectrum disorder (ASD) endophenotypes	\$39,432	Q2.S.G	Baylor College of Medicine
Molecular controls over callosal projection neuron subtype specification and diversity	\$42,232	Q2.Other	Harvard University
Functional role of IL-6 in fetal brain development and abnormal behavior	\$42,232	Q2.Other	California Institute of Technology
Pleiotropic roles of dyslexia genes in neurodevelopmental language impairments	\$42,232	Q2.S.D	Yale University
Identification of genetic pathways that regulate neuronal circuits in <i>C. elegans</i>	\$47,114	Q2.Other	University of California, San Diego
Behavioral, fMRI, and anatomical MRI investigations of attention in autism	\$47,114	Q2.Other	Massachusetts Institute of Technology
Understanding the role of Epac2 in cognitive function	\$47,232	Q2.Other	Northwestern University
Amygdala connectivity in autism spectrum disorder	\$49,934	Q2.L.A	University of California, Davis

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Validity of an anxious subtype in autism spectrum disorders	\$50,294	Q1.L.B	University of California, Los Angeles
Sensory experiences in children with autism (supplement)	\$51,920	Q1.Other	University of North Carolina at Chapel Hill
Cortical dynamics in autism	\$52,190	Q2.Other	New York University
Role of neuronal migration genes in synaptogenesis and plasticity	\$52,190	Q2.Other	Weill Cornell Medical College
Population genetics to improve homozygosity mapping and mapping in admixed groups	\$52,190	Q3.L.B	Harvard Medical School
Investigation of protocadherin-10 in MEF2- and FMRP-mediated synapse elimination	\$53,942	Q2.S.D	University of Texas Southwestern Medical Center
Rapid characterization of balanced genomic rearrangements contributing to autism	\$53,942	Q3.L.B	Massachusetts General Hospital
Multimodal studies of executive function deficits in autism spectrum disorders	\$54,570	Q2.Other	Massachusetts General Hospital
Functional properties and directed connectivity in the face-processing network	\$55,670	Q2.Other	Yale University
ACE Center: Research Training and Education Core	\$58,382	Q7.K	Emory University
Role of GluK6 in cerebella circuitry development	\$58,442	Q2.Other	Yale University
The effects of autism on the sign language development of deaf children	\$59,419	Q2.Other	Boston University
Cross-sector patterns of treatment for children with autism	\$65,000	Q5.Other	University of Chicago
FOXP2-regulated signaling pathways critical for higher cognitive functions (supplement)	\$66,686	Q3.Other	University of Texas Southwestern Medical Center
Dysregulation of mTOR signaling in fragile X syndrome (supplement)	\$72,034	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Visual attention and fine motor coordination in infants at risk for autism	\$73,123	Q1.L.A	University of Connecticut
ACE Center: Administrative Core	\$73,923	Q7.Other	Emory University
Autism in older adults: A pilot, descriptive study	\$74,000	Q6.S.A	University of North Carolina at Chapel Hill
Cultural equivalence of autism assessment for Latino children	\$74,250	Q1.S.B	University of Wisconsin - Madison
OCT blockade to restore sociability in 5-HT transporter knock-out mice	\$74,250	Q4.S.B	University of Texas Health Science Center at San Antonio
Pocket Potty Program - Toilet training for children with developmental disabilities	\$74,730	Q4.Other	The Sandbox Learning Company
Tactile Awareness Prompting (TAP) System	\$74,839	Q4.L.D	Engineering Acoustics, Inc.
Animal-assisted intervention for children with autism spectrum disorder	\$75,007	Q4.L.D	Purdue University

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Customized representations promote language learning for older learners with ASD	\$76,500	Q4.S.G	University of Delaware
Assessing interactive avatars for use with children with autism	\$76,800	Q4.Other	Carnegie Mellon University
Components of limited activity monitoring in toddlers with ASD	\$82,896	Q1.L.B	Yale University
Pivotal response treatment for infants at risk for ASD: A pilot intervention	\$83,000	Q4.L.B	Yale University
Hypocholesterolemic autism spectrum disorder	\$84,549	Q3.L.B	National Institutes of Health
Controlling interareal gamma coherence by optogenetics, pharmacology and behavior	\$84,775	Q2.Other	Massachusetts Institute of Technology
CAREER: Typical and atypical development of brain regions for theory of mind	\$86,848	Q2.Other	Massachusetts Institute of Technology
Emergence and stability of autism in fragile X syndrome (supplement)	\$87,314	Q2.S.D	University of South Carolina
Self-regulation and sleep in children at risk for autism spectrum disorders	\$87,899	Q2.S.E	University of California, Davis
Investigating brain connectivity in autism at the whole-brain level	\$88,508	Q2.Other	California Institute of Technology
Electrophysiological response to executive control training in autism	\$89,670	Q2.Other	University of Washington
ACE Center: Research, training and education	\$91,207	Q7.K	Boston University
Novel candidate mechanisms of fragile X syndrome	\$92,448	Q2.S.D	Yale University
Linking local activity and functional connectivity in autism (supplement)	\$92,508	Q2.Other	San Diego State University
Complex genetic architecture of chromosomal aberrations in autism	\$92,917	Q3.L.B	Massachusetts General Hospital
Bayesian variable selection in generalized linear models with missing variables	\$95,377	Q2.Other	Hunter College (City University of New York)
Autism and Developmental Disabilities Monitoring (ADDM) network - Missouri (expanded)	\$97,003	Q7.L	Washington University in St. Louis
ACE Center: Data Management and Analysis Core	\$97,824	Q7.Other	Emory University
Training in translational social neuroscience	\$98,163	Q4.S.B	Emory University
Novel genetic models of autism (supplement)	\$99,773	Q4.S.B	University of Texas Southwestern Medical Center
Analysis of cultural appropriateness and necessary modifications of the Survey of Well Being for Young Children on Native American reservations	\$100,000	Q1.S.B	University of Colorado Denver
Neural synchronydysfunction of gamma oscillations in autism (supplement)	\$100,386	Q2.Other	University of Colorado Denver
Neuroimmunologic investigations of autism spectrum disorders (ASD)	\$101,877	Q2.S.F	National Institutes of Health

Project Title	Funding	Strategic Plan Objective	Institution
Experience and cognitive development in infancy	\$102,038	Q2.Other	University of California, Davis
Action anticipation in infants	\$102,258	Q2.Other	University of Chicago
Cognitive control of emotion in autism	\$102,638	Q2.Other	University of Pittsburgh
The computational basis of theory of mind in the human brain	\$103,965	Q2.Other	California Institute of Technology
A novel adaptive transactional virtual reality-based assistive technology for autism intervention	\$104,814	Q4.Other	Vanderbilt University
CAREER: Enabling community-scale modeling of human behavior and its application to healthcare	\$106,218	Q1.Other	Cornell University
University of Minnesota – Somali Autism Surveillance Project	\$108,610	Q7.J	University of Minnesota
Neuroimaging of top-down control and bottom-up processes in childhood ASD (supplement)	\$111,600	Q2.Other	Georgetown University
ACE Center: Administrative Core	\$114,622	Q7.Other	Yale University
New experimental medicine studies: Fast-Fail Trials in autism spectrum disorders	\$115,889	Q4.L.A	University of California, Los Angeles
Characterizing the genetic systems of autism through multi-disease analysis (supplement)	\$120,328	Q2.S.G	Harvard Medical School
Identifying therapeutic targets for autism using Shank3-deficient mice (supplement)	\$121,077	Q4.S.B	Mount Sinai School of Medicine
Modeling gut microbial ecology and metabolism in autism using an innovative ex vivo approach	\$122,626	Q3.S.I	University of Guelph
Prenatal and neonatal biologic markers for autism (supplement)	\$129,464	Q3.S.C	Kaiser Foundation Research Institute
Electrophysiological correlates of cognitive control in autism	\$130,898	Q1.L.B	University of California, Davis
MicroRNAs in synaptic plasticity and behaviors relevant to autism	\$131,220	Q2.S.D	Massachusetts General Hospital
Functional imaging of flexibility in autism: Informed by SLC6A4	\$132,748	Q2.S.G	Children's Hospital of Philadelphia
Intersensory perception of social events: Typical and atypical development	\$134,355	Q1.L.C	Florida International University
Development of ventral stream organization	\$137,338	Q2.Other	University of Pittsburgh
Risk and resiliency for youth with autism during the transition to adulthood	\$142,194	Q6.S.A	Vanderbilt University Medical Center
Monolingual and bilingual infants' sensitivity to agreement morphology in Spanish	\$144,100	Q2.Other	Florida International University
The role of Fox-1 in neurodevelopment and autistic spectrum disorder	\$145,757	Q2.Other	University of California, Los Angeles
Defining the electrophysiological dynamics of the default mode network	\$146,025	Q2.Other	University of Washington

Project Title	Funding	Strategic Plan Objective	Institution
Functional analysis of rare variants in genes associated with autism	\$146,625	Q4.S.B	Yale University
SBIR Phase I: A consumer robot designed to help children with autism spectrum disorders practice critical social skills	\$146,639	Q4.Other	Interbots LLC
Novel metabolic biomarker for autism spectrum disorder	\$148,327	Q1.S.E	Greenwood Genetic Center
Grammatical development in boys with fragile X syndrome and autism	\$148,500	Q2.S.D	University of Wisconsin - Madison
Sensory integration and language processing in autism	\$149,556	Q1.L.C	University of Rochester
Autism and Developmental Disabilities Monitoring (ADDM) network - Utah (expanded)	\$149,999	Q7.L	University of Utah
PEAT communication scheduler for autism	\$150,000	Q4.S.G	Attention Control Systems, Inc.
App for Speech Development for Students with ASD	\$150,000	Q4.S.G	HandHold Adaptive, LLC
Autism and Developmental Disabilities Monitoring (ADDM) network - Wisconsin (expanded)	\$150,000	Q7.L	University of Wisconsin - Madison
Autism and Developmental Disabilities Monitoring (ADDM) network - Arizona (expanded)	\$150,000	Q7.L	University of Arizona
Autism and Developmental Disabilities Monitoring (ADDM) network - South Carolina (expanded)	\$150,000	Q7.L	Medical University of South Carolina
Autism and Developmental Disabilities Monitoring (ADDM) network - New Jersey (expanded)	\$150,000	Q7.L	University of Medicine & Dentistry of New Jersey
Multimodal imaging of social brain networks in ASD	\$150,036	Q2.Other	San Diego State University
Prenatal antidepressants and autism spectrum disorder	\$153,000	Q3.L.C	Cincinnati Children's Hospital Medical Center
Identifying markers for treatment response to cognitive training in autism spectrum disorders	\$153,999	Q4.S.F	University of California, Davis
An MEG investigation of neural biomarkers and language in nonverbal children with autism spectrum disorders	\$154,617	Q1.L.A	University of Colorado Denver
Post-doctoral training in special education research	\$155,777	Q7.K	University of North Carolina at Chapel Hill
Sex differences in early brain development; Brain development in Turner syndrome	\$155,873	Q2.S.D	University of North Carolina at Chapel Hill
Motor control and cerebellar maturation in autism	\$157,148	Q2.Other	University of Texas Southwestern Medical Center
Structural and functional neuroimaging of the auditory system in autism	\$157,905	Q2.Other	Children's Hospital of Philadelphia
Neural basis of cross-modal influences on perception	\$158,282	Q2.Other	University of California, San Diego
Tailored behavioral intervention for insomnia in children with autism spectrum disorders	\$159,975	Q4.S.H	University of Pennsylvania
3/3-Sequencing autism spectrum disorder extended pedigrees	\$160,000	Q3.L.B	University of Pennsylvania
The intersection of autism and ADHD	\$160,519	Q1.L.B	Washington University in St. Louis

Project Title	Funding	Strategic Plan Objective	Institution
Functional neuroimaging of psychopharmacologic intervention for autism	\$162,369	Q2.L.B	University of North Carolina at Chapel Hill
Neurobehavioral investigation of tactile features in autism spectrum disorders	\$162,666	Q2.Other	Vanderbilt University Medical Center
Post-doctoral special education research training in urban communities: A research to practice model	\$163,599	Q7.K	University of Kansas
Virtual Environment for Social Information Processing (VESIP) Phase II	\$163,841	Q4.Other	Soar Technology, Inc..
Postdoctoral Research Training Fellowships in Early Intervention and Early Learning in Special Education at the University of Florida	\$164,760	Q7.K	University of Florida
Multimodal brain imaging in autism spectrum disorders	\$167,832	Q2.Other	University of Washington
Translational developmental neuroscience of autism	\$168,116	Q1.L.B	New York University School of Medicine
Identification of candidate genes at the synapse in autism spectrum disorders	\$168,839	Q2.Other	Yale University
Structural and functional connectivity of large-scale brain networks in autism	\$168,978	Q2.Other	Stanford University
Texas Educators for Students with Autism (TESA)	\$173,295	Q5.Other	Texas State University-San Marcos
BRIGE: Emotion mapping of children through human-robot interaction and affective computing	\$174,583	Q2.Other	University of Louisville Research Foundation Inc
EEG-based assessment of functional connectivity in autism	\$175,042	Q2.Other	Kennedy Krieger Institute
Young development of a novel PET ligand for detecting oxytocin receptors in brain (supplement)	\$176,000	Q2.Other	Emory University
Activity-dependent phosphorylation of MeCP2	\$177,055	Q2.S.D	Harvard Medical School
Genetic dissection of restricted repetitive behavior (RRB)	\$177,736	Q2.S.G	Seattle Children's Hospital
Developing a novel treatment for restricted inflexible behavior	\$178,061	Q4.Other	University of Florida
Reducing barriers to autism care in Latino children	\$179,521	Q1.S.C	Oregon Health & Science University
Pathophysiology of MECP2 spectrum disorders (Career Development Award Proposal)	\$179,981	Q2.S.D	Baylor College of Medicine
Auditory processing training: A novel treatment for sound hypersensitivities in autism	\$181,154	Q4.S.C	Cognionics
Neural predictors of language function after intervention in children with autism	\$181,332	Q1.L.B	University of California, Los Angeles
Developmental social neuroscience in infants at-risk for autism	\$181,367	Q1.L.C	Yale University
Sensory based CNS diagnostics for the clinic	\$181,885	Q1.S.B	University of North Carolina at Chapel Hill
Longitudinal characterization of functional connectivity in autism	\$182,352	Q2.L.A	University of Utah

Project Title	Funding	Strategic Plan Objective	Institution
Pharmacotherapy of pervasive developmental disorders	\$182,830	Q4.L.C	Indiana University-Purdue University Indianapolis
A neural model of fronto-parietal mirror neuron system dynamics	\$183,960	Q2.Other	University of Maryland, College Park
Regulation of spine morphogenesis by NrCAM	\$185,000	Q2.Other	University of North Carolina at Chapel Hill
Developing the autism model of implementation for ASD community providers	\$185,333	Q5.L.A	San Diego State University
Autism: Neuropeptide hormones and potential pathway genes	\$185,338	Q2.S.G	University of Illinois at Urbana Champaign
ACE Center: Neural assays and longitudinal assessment of infants at very high risk for ASD	\$186,019	Q1.L.A	University of California, Los Angeles
Tooth pulp as a source for neuronal precursor cells to study neurogenetic disorders	\$187,344	Q4.S.B	University of Tennessee Health Science Center
The Charge Study: Childhood Autism Risks from Genetics and the Environment (supplement)	\$188,012	Q3.S.C	University of California, Davis
The use of interactive television in identifying autism in young children	\$188,750	Q1.S.A	University of Kansas Medical Center
Sensor-based technology in the study of motor skills in infants at risk for ASD	\$191,070	Q1.L.A	University of Pittsburgh
ACE Center: Neuroimaging signatures of autism: Linking brain function to genes and behavior	\$191,823	Q2.S.G	University of California, Los Angeles
Multisensory integration in children with ASD	\$192,136	Q2.Other	University of California, Davis
Predictors of effects of propranolol on language & connectivity in autism	\$192,150	Q4.S.F	University of Missouri
Functional neuroimaging of attention in autism	\$192,365	Q2.S.E	Children's Hospital of Philadelphia
The neural substrates of higher-level learning in autism	\$192,500	Q2.Other	University of California, Davis
In vivo targeted gene silencing, a novel method	\$192,500	Q2.Other	Indiana University-Purdue University Indianapolis
Abnormal network dynamics and "learning" in neural circuits from Fmr1 <sup>-/-</sup> mice	\$192,500	Q2.S.D	University of California, Los Angeles
Training personnel in minority institutions to serve infants, toddlers, and children with disabilities	\$194,826	Q5.Other	Purdue University
Gene dosage imbalance in neurodevelopmental disorders (supplement)	\$195,000	Q1.S.E	Weis Center for Research - Geisinger Clinic
ACE Center: Neuroimaging/Neurophysiology Core	\$195,745	Q7.Other	University of California, Los Angeles
Do animations facilitate symbol understanding in children with autism?	\$197,259	Q4.S.G	Northeastern University
Decoding 'what' and 'who' in the auditory system of children with autism spectrum disorders	\$197,500	Q2.Other	Stanford University
Training school speech-language pathologists to assess and manage communication skills in children with autism	\$197,633	Q5.Other	University of Massachusetts Amherst



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Collaborative Adolescent Autism Teacher Training (CAATT)	\$198,178	Q5.Other	University of Georgia
Project IMPRESS - Interactive Master's: Preparing, Responding, Enhancing School-based Speech-Language Pathologists	\$199,845	Q5.L.C	Bloomsburg University of Pennsylvania
Project S.A.G.E. Successfully Accessing General Education	\$199,949	Q5.Other	University of South Florida
Project CHANGE (Children with Autism Need a Great Education)	\$199,960	Q5.Other	University of Texas at El Paso
Preparing teachers to teach children with autism & developmental disabilities	\$199,989	Q5.Other	Bank Street College of Education
Graduate preparation for transition and instructional leadership for services to students with low incidence disabilities: Emphasis on academic and social success in LRE through implementation of evidence-based practices and instructional programming	\$199,996	Q5.Other	University of North Texas
Project PEACE (Preparing Educators About Autism Through Collaborative Efforts)	\$199,997	Q5.L.C	Florida International University
Assisted reproductive technologies and increased autism risk	\$200,000	Q3.L.C	Columbia University
Examination of the use of a Spanish version of the Online and Applied System for Intervention Skills (OASIS) Training Program with parents of children with an autism spectrum disorder	\$200,000	Q5.L.A	University of Kansas Medical Center
Sustainable implementation of family-centered transition planning for young adults with autism spectrum disorders	\$200,000	Q5.L.A	University of New Hampshire
Collaborative partnerships	\$200,000	Q5.L.C	San Francisco State University
Project ASSET: Autism Spectrum Specialized Education and Training (ASSET)	\$200,000	Q5.L.C	Florida State University
Preparing and supporting personnel in Western North Carolina to teach students with severe disabilities	\$200,000	Q5.L.C	Western Carolina University
Kansas University: Autism and Early Childhood Education Professionals (KU-ACE)	\$200,000	Q5.Other	University of Kansas Medical Center Research Institute, Inc.
Preparing personnel for intervention with young children with autism	\$200,000	Q5.Other	Vanderbilt University
Training personnel to serve school age children with low incidence disabilities: Autism spectrum disorders	\$200,000	Q5.Other	University of Kansas
Impacts and State utilization of HCBS waiver services for families and children with autism	\$200,000	Q5.Other	Towson University
M.Ed. in autism spectrum disorders (ASDs) for teachers in the Department of Defense Dependent Schools (DoDDS)	\$200,000	Q5.Other	University of Maryland, College Park

Project Title	Funding	Strategic Plan Objective	Institution
Collaboration of Autism Specialists Training (COAST) Program	\$200,000	Q5.Other	California State Los Angeles University Auxiliary Services, Inc.
Preparing special educators to work with children and youth with autism	\$200,000	Q5.Other	University of Oregon
Finding and keeping the best: A rural regional partnership for recruiting and retaining teachers for children with low incidence disabilities	\$200,000	Q5.Other	California State University Chico Research Foundation
LSS postdoctoral fellowship: Autism, social science and law	\$200,000	Q6.Other	University of Utah
ACE Center: Data Management and Analysis Core	\$201,589	Q7.Other	Yale University
ACE Center: The ontogeny of social vocal engagement and its derailment in autism	\$201,683	Q1.L.A	Emory University
The genetic control of social behavior in the mouse (supplement)	\$201,966	Q2.Other	University of Hawai'i at Manoa
Diffusion tensor MR spectroscopic imaging in human brain	\$203,715	Q2.Other	University of New Mexico Health Sciences Center
Core D: Clinical Neuroscience Services	\$207,706	Q7.Other	Vanderbilt University Medical Center
ACE Center: Administrative Core	\$208,325	Q7.Other	University of California, Los Angeles
Novel regulatory network involving non-coding role of an ASD candidate gene PTEN	\$208,750	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Exploring interactions between folate and environmental risk factors for autism	\$208,782	Q3.S.J	University of California, Davis
Metacognition in comparative perspective	\$210,561	Q2.Other	University at Buffalo, The State University of New York
Service transitions among youth with autism spectrum disorders	\$212,584	Q6.L.B	Washington University in St. Louis
2/5-Randomized trial of parent training for young children with autism	\$213,407	Q4.S.D	The Ohio State University
Adapting cognitive enhancement therapy for ASD	\$213,586	Q4.Other	University of Pittsburgh
Treatment of sleep disturbances in young children with autism	\$214,889	Q4.S.H	University of Pittsburgh
Neurobiological signatures of audiovisual speech perception in children in ASD	\$217,886	Q2.Other	Haskins Laboratories, Inc.
Predictors of success in postsecondary STEM education and employment for students with autism	\$217,996	Q6.S.A	SRI International
Building a selective inhibitory control tone in autism: An rTMS study	\$219,780	Q4.Other	University of Louisville
Effect of paternal age on mutational burden and behavior in mice	\$222,000	Q2.Other	University of North Carolina at Chapel Hill
A network approach to the prediction of autism spectrum disorders	\$223,949	Q1.L.A	Indiana University

Project Title	Funding	Strategic Plan Objective	Institution
The microstructural basis of abnormal connectivity in autism (supplement)	\$226,217	Q7.H	University of Utah
Teaching skills to toddlers: A program for caregivers	\$227,719	Q5.L.A	University of Connecticut
Transgenic and knockout approaches to study protocadherin function	\$228,750	Q4.S.B	The Ohio State University
3/5-Randomized trial of parent training for young children with autism	\$230,655	Q4.S.D	University of Rochester
2/3-Sequencing autism spectrum disorder extended pedigrees	\$231,688	Q3.L.B	University of Washington
Influence of attention and arousal on sensory abnormalities in ASD	\$232,500	Q2.Other	University of California, San Diego
ACE Center: Research Education and Training Core	\$233,017	Q7.K	University of California, Los Angeles
Measuring social networks among parents and autism health care providers	\$234,000	Q5.Other	University of Chicago
Reach to Teach: Serving infants, toddlers, and young children with autism spectrum disorders and developmental disabilities	\$234,849	Q5.Other	University of Texas of the Permian Basin
4/5-Randomized trial of parent training for young children with autism	\$235,418	Q4.S.D	Indiana University-Purdue University Indianapolis
5/5-Randomized trial of parent training for young children with autism	\$236,220	Q4.S.D	University of Pittsburgh
Modeling the serotonin contribution to autism spectrum disorders	\$236,532	Q4.S.B	Vanderbilt University Medical Center
Phase II. Digital interactive scene program for language in autism (DISPL-A)	\$236,912	Q4.S.G	Monarch Teaching Technology, Inc.
ACE Center: Diagnostic and Recruitment Core	\$236,921	Q7.Other	University of California, Los Angeles
Analyses of brain structure and connectivity in young children with autism	\$238,042	Q1.L.B	University of California, Davis
Training outpatient clinicians to deliver cognitive behavior therapy to children	\$238,101	Q4.S.C	University of Colorado Denver
Project iTAPE: Improve Training in Adapted Physical Education	\$238,204	Q5.Other	University of Utah
Neocortical mechanisms of categorical speech perception	\$239,255	Q2.Other	University of California, San Francisco
The impact of uncertainty in genome-wide testing for autism spectrum disorder	\$240,000	Q1.S.E	University of Pennsylvania
Personnel preparation program in low incidence severe disabilities	\$241,543	Q5.L.C	University Of North Carolina at Charlotte
Collaborative Personnel Preparation in Autism (COPPA)	\$242,214	Q5.Other	University of Georgia
Efficacy of a qigong massage methodology for children with ASD aged 3-11 years	\$242,590	Q4.L.D	Western Oregon University

Project Title	Funding	Strategic Plan Objective	Institution
Leading Excellence for Academic Positions in Special Education (LEAPS)	\$244,305	Q7.K	The Regents Of The University Of California -- Graduate School Of Education - Graduate School Of Education
Superheroes Social Skills Training, Rethink Autism Internet Interventions, Parent Training, EBP Classroom Training, Functional Behavior Assessment	\$245,453	Q5.Other	University of Utah
Serotonin, autism, and investigating cell types for CNS disorders	\$246,794	Q4.S.B	Washington University in St. Louis
Testing the hyperspecificity hypothesis: A neural theory of autism	\$247,018	Q2.Other	Children's Hospital of Philadelphia
Project Common Ground: Preparing highly qualified speech-language pathologists to meet the communication needs of children with autism spectrum disorder in diverse settings	\$248,180	Q5.L.C	San Francisco State University
Training Speech-Language Pathologists in the Public Schools to deliver Reliable Evidence-based Models of Technology Effectively	\$248,184	Q5.Other	University of Massachusetts Amherst
FOXP2-regulated signaling pathways critical for higher cognitive functions	\$248,921	Q3.Other	University of Texas Southwestern Medical Center
Met signaling in neural development and circuitry formation	\$249,000	Q2.Other	University of Arizona
Investigating brain connectivity in autism at the whole-brain level	\$249,001	Q2.Other	Indiana University
Investigating the role of CNTNAP2 gene in vocal learning in mutant songbirds	\$249,063	Q4.S.B	University of Massachusetts Medical School
Autism Spectrum Specialized Education and Training (ASSET)	\$249,429	Q5.Other	Florida State University
Doctoral Training in Research, Autism, and Interdisciplinary Leadership (TRAIL)	\$249,839	Q7.K	Florida State University
Penn State AAC Leadership Project: Preparing faculty in AAC research & personnel preparation to improve services & results for high-need children with severe communication disorders	\$249,958	Q5.L.C	Pennsylvania State University-University Park
Voyages: From Natural Environments to Inclusive Preschools- Transforming Educational Outcomes for Young Children with Disabilities	\$249,982	Q5.Other	George Washington University
Project PREPARE: Preparing Rigorous and Effective Professionals as Autism Researchers and Educators	\$249,991	Q5.Other	Florida International University
Penn State Children's Communicative Competence Project	\$249,996	Q5.Other	Pennsylvania State University-University Park
Project SASI: Students with Autism & Sensory Impairments - Addressing the personnel shortages of rural, remote and high-need areas	\$249,999	Q5.Other	Texas Tech University
Project Surfboard: Sustaining Practices by Specialists on Autism Spectrum Disorder	\$249,999	Q5.Other	San Diego State University

Project Title	Funding	Strategic Plan Objective	Institution
Project I-CARE: Culturally Aligned and Responsive Early Intervention.	\$250,000	Q5.L.C	Queen's College (City University of New York)
Project ABeLL: Preparing early childhood special educators to support young children with autism or disabilities in behavior, language and/or literacy	\$250,000	Q5.Other	University Of Missouri Board of Curators
Early intervention/early childhood special education autism specialization	\$250,000	Q5.Other	University Of Pittsburgh
Training & research for autism & collaboration in kinesiology	\$250,000	Q5.Other	Chico Research Foundation
Preparation of leaders across the lifespan for autism	\$250,000	Q7.K	Texas A&M University
Creating the Developmental-Behavioral Pediatrics Research Network	\$250,000	Q7.N	Children's Hospital of Philadelphia
Modeling 5-HT-absorbing neurons in neuropathology of autism	\$250,500	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Optimization of fidelity procedures for pivotal response training in autism	\$250,621	Q5.L.A	Children's Hospital Research Center
ACE Center: Genetic and genomic analyses to connect genes to brain to cognition in ASD	\$252,243	Q2.S.G	University of California, Los Angeles
Online training program for parents of children with autism spectrum disorder	\$252,339	Q5.L.A	Iris Media, Inc.
Evaluating the time-dependent unfolding of social interactions in autism	\$252,622	Q2.Other	University of Cincinnati
Functional circuit disorders of sensory cortex in ASD and RTT	\$254,976	Q2.S.D	University of Pennsylvania
Development of an executive function-based intervention for ASD	\$255,420	Q4.Other	Children's Research Institute
Core A: Administrative Services	\$255,539	Q7.Other	Vanderbilt University Medical Center
Neural mechanisms of tactile sensation in rodent somatosensory cortex	\$255,940	Q2.Other	University of California, Berkeley
ACE Center: Auditory mechanisms of social engagement	\$257,504	Q1.Other	Yale University
Early pharmacotherapy guided by biomarkers in autism (supplement)	\$260,000	Q4.S.F	Wayne State University
EEG complexity trajectory as an early biomarker for autism	\$261,000	Q1.L.A	Boston Children's Hospital
Young development of a novel PET ligand for detecting oxytocin receptors in brain	\$261,360	Q2.Other	Emory University
3/3-Atomoxetine placebo and parent training in autism	\$263,639	Q4.S.F	University of Rochester
Neural synchronydysfunction of gamma oscillations in autism	\$265,073	Q2.Other	University of Colorado Denver
Divergent biases for conspecifics as early markers for autism spectrum disorders	\$269,604	Q1.L.A	New York University

Project Title	Funding	Strategic Plan Objective	Institution
1/3-Atomoxetine placebo and parent training in autism	\$269,976	Q4.S.F	University of Pittsburgh
Wireless EEG system for training attention and eye movement in ASD	\$271,250	Q4.Other	University of California, San Diego
Studying the biology and behavior of autism at 1-year: The Well-Baby Check-Up approach	\$272,164	Q1.L.A	University of California, San Diego
Contingency analyses of observing and attending in intellectual disabilities	\$276,181	Q4.S.G	University of Massachusetts Medical School
Core E: Participant Recruitment & Assessment Services	\$278,269	Q7.Other	Vanderbilt University Medical Center
Cortical circuit changes and mechanisms in a mouse model of fragile X syndrome	\$278,656	Q2.S.D	University of Texas Southwestern Medical Center
Leadership training in high-need students with severe disabilities/autism	\$279,803	Q7.K	Vanderbilt University
ACE Center: Targeting joint engagement in infants at risk for ASD: Integrating treatment with biomarkers	\$279,987	Q4.L.B	University of California, Los Angeles
ACE Center: Augmenting language interventions for ASD: A translational approach	\$281,072	Q4.L.A	University of California, Los Angeles
Animal model of speech sound processing in autism	\$283,249	Q4.S.B	University of Texas at Dallas
Transition to adult services for youth with autism spectrum disorder	\$283,935	Q6.L.A	Massachusetts General Hospital
RI: Small: Addressing visual analogy problems on the raven's intelligence test	\$284,454	Q2.Other	Georgia Tech Research Corporation
2/2-Effects of parent-implemented intervention for toddlers with autism spectrum disorder	\$284,658	Q4.S.D	Weill Cornell Medical College
Controlled trial of sertraline in young children with Fragile X Syndrome	\$285,970	Q4.L.A	University of California, Davis
ACE Center: Gaze perception abnormalities in infants with ASD	\$286,420	Q1.L.A	Yale University
ACE Center: Eye-tracking studies of social engagement	\$287,074	Q1.L.B	Yale University
ACE Center: Auditory perception and perceptual organization in minimally verbal children with ASD	\$288,440	Q2.L.B	Boston University
Insight into MeCP2 function raises therapeutic possibilities for Rett syndrome	\$290,087	Q4.S.B	University of California, San Francisco
The development of joint attention after infancy	\$291,832	Q1.L.C	Georgia State University
In vivo function of neuronal activity-induced MeCP2 phosphorylation	\$292,721	Q3.S.J	University of Wisconsin - Madison
Low Incidence and Diversity Endorsement Project (LIDE)	\$292,963	Q5.L.C	University of Colorado Board of Regents
Do access barriers to autism care persist despite autism insurance mandate?	\$295,367	Q5.S.A	Pennsylvania State University
Parent implemented training for autism through teleconsultation (PITA-T)	\$296,267	Q5.L.A	West Virginia University

Project Title	Funding	Strategic Plan Objective	Institution
Sensory adapted dental environments to enhance oral care for children with autism	\$296,952	Q5.L.E	University of Southern California
Live Interactive Broadcast Equalizing Rural Access to Teacher Education (LIBERATE) - Training personnel to serve school-age children with low incidence disabilities	\$297,000	Q5.L.A	University of Utah
Improved early identification of autism in Latino children	\$297,752	Q5.L.A	Georgetown University
Use of a family navigator in families with children newly diagnosed with autism spectrum disorder	\$298,186	Q5.S.A	Boston University School of Medicine
Effects of therapeutic horseback riding on children and adolescents with autism spectrum disorders	\$298,618	Q4.S.C	University of Colorado Denver
1/3-Sequencing autism spectrum disorder extended pedigrees	\$299,000	Q3.L.B	University of Utah
Phase 2: Animated Visual Support for Social Support (AViSSS); An interactive virtual experience for social skill development	\$299,411	Q4.Other	University Of Kansas Center For Research, Inc. -- Sped - Special Education Educ Education Administration - Sped - Special Education Educ Education Administration
Transdisciplinary approaches to autism spectrum disorders	\$299,673	Q5.Other	San Diego State University Research Foundation
Preschool reading and language interventions for children with autism	\$299,795	Q4.L.D	University of Washington
NM-PASS (New Mexico-Preparing Autism Spectrum Specialists)	\$299,818	Q5.L.C	Board of Regents of New Mexico State University
Behavioral treatment through in-home telehealth for young children with autism	\$299,886	Q5.L.A	University of Iowa
Efficacy of the home TEACCHing program for toddlers with autism	\$299,995	Q4.L.D	University of North Carolina at Chapel Hill
Birth to kindergarten professional preparation: Inclusive services for children with Autism Spectrum Disorders	\$299,997	Q5.Other	University of North Carolina at Greensboro
Personnel development to improve services and results for children with disabilities	\$299,999	Q5.L.C	San Diego State University Foundation
Preparing special educators in autism spectrum disorders	\$300,000	Q5.Other	University of Central Florida
A parent to parent model of support and service coordination for families of preschool age children with ASD	\$300,000	Q5.S.A	University of Connecticut Health Center
Evaluating the impact of early intervention services on young children with autism spectrum disorders and their families: A state systems approach	\$300,000	Q5.S.C	Health Research, Inc.; New York State Department of Health
Comprehensive support for families with autism: A parent-based mentoring approach	\$300,000	Q5.S.C	University of Colorado Denver
Studying the impact of service-learning on career development, self-determination, and social skill building for youth with autism spectrum disorders	\$300,000	Q6.S.A	University of Massachusetts, Boston

Project Title	Funding	Strategic Plan Objective	Institution
Imaging PTEN-induced changes in adult cortical structure and function in vivo	\$300,156	Q2.Other	University of California, Los Angeles
Partnering with autistic adults to develop tools to improve primary healthcare	\$300,938	Q6.L.A	Oregon Health & Science University
Cerebellar modulation of frontal cortical function	\$302,306	Q2.Other	University of Memphis
ACE Center: Administration and data management	\$302,671	Q7.Other	Boston University
Are autism spectrum disorders associated with leaky-gut at an early critical period in development?	\$302,820	Q1.L.A	University of California, San Diego
iPrompt to improve teaching students with ASD	\$305,814	Q4.L.D	HandHold Adaptive, LLC
Mechanisms of motor skill learning in the fragile X mouse model	\$308,138	Q2.S.D	University of Nebraska Medical Center
Regulation of 22q11 genes in embryonic and adult forebrain	\$308,631	Q2.S.D	George Washington University
Neuronal basis of vicarious reinforcement dysfunction in autism spectrum disorder	\$310,081	Q2.Other	Duke University
Predicting phenotypic trajectories in Prader-Willi syndrome	\$310,752	Q2.S.D	Vanderbilt University Medical Center
Development of intermodal perception of social events: Infancy to childhood	\$310,903	Q1.L.C	Florida International University
Caspr2 as an autism candidate gene: A proteomic approach to function & structure	\$312,000	Q2.Other	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Perception of social and physical contingencies in infants with ASD	\$312,944	Q1.L.B	Emory University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$313,753	Q1.L.B	Trustees of Boston University
MeCP2 modulation of BDNF signaling: Shared mechanisms of Rett and autism	\$314,059	Q2.S.D	University of Alabama at Birmingham
ACE Center: Ontogeny and neural basis of social visual engagement in monkeys	\$314,068	Q2.Other	Emory University
NIMH IAN with the National Database for Autism Research program	\$314,266	Q7.H	National Institutes of Health
ACE Center: Neuroimaging studies of connectivity in ASD	\$315,268	Q2.Other	Yale University
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$315,375	Q4.S.B	University of California, San Francisco
Study of fragile X mental retardation protein in synaptic function and plasticity	\$317,077	Q2.S.D	University of Texas Southwestern Medical Center
Social and affective components of communication	\$317,715	Q2.Other	Salk Institute For Biological Studies
Mechanisms of valproic acid-induced neurodevelopmental and behavioral defects	\$318,513	Q3.S.J	University of Maryland, Baltimore



Project Title	Funding	Strategic Plan Objective	Institution
Autoimmunity against novel antigens in neuropsychiatric dysfunction	\$320,000	Q2.S.A	University of Pennsylvania
Impairments of theory of mind disrupt patterns of brain activity	\$321,000	Q2.Other	Massachusetts Institute of Technology
Magnetoencephalographic studies of lexical processing and abstraction in autism	\$321,156	Q2.Other	University of Pennsylvania
Molecular dissection of calmodulin domain functions	\$321,473	Q2.Other	University of Iowa
ACE Center: Rare variant genetics, contactin-related proteins and autism	\$324,189	Q3.L.B	Yale University
Statistical analysis of biomedical imaging data in curved space	\$326,528	Q2.Other	University of North Carolina at Chapel Hill
Locus-specific imprinting on the mammalian X chromosome	\$327,994	Q3.S.J	University of Connecticut
Inhibitory mechanisms for sensory map plasticity in cerebral cortex	\$328,644	Q2.Other	University of California, Berkeley
Cell specific genomic imprinting during cortical development and in mouse models	\$328,975	Q3.S.J	Harvard University
ACE Center: Predicting risk and resilience in ASD through social visual engagement	\$329,264	Q2.L.B	Emory University
The microstructural basis of abnormal connectivity in autism	\$332,991	Q2.Other	University of Utah
Molecular mechanisms linking early life seizures, autism and intellectual disability	\$333,473	Q2.S.E	University of Colorado Denver
Patient iPS cells with copy number variations to model neuropsychiatric disorders	\$336,050	Q4.S.B	The Hospital for Sick Children
Development of a novel biomarker test for autism risk screening	\$336,569	Q1.S.A	Xen Biofluidx, Inc.
Elucidating the function of class 4 semaphorins in GABAergic synapse formation	\$336,922	Q2.Other	Brandeis University
Novel genetic models of autism	\$337,875	Q4.S.B	University of Texas Southwestern Medical Center
Treatment of medical conditions among individuals with autism spectrum disorders	\$339,591	Q2.S.E	National Institutes of Health
Novel statistical methods for DNA sequencing data, and applications to autism	\$339,743	Q3.L.B	Columbia University
Revealing protein synthesis defects in fragile X syndrome with new chemical tools	\$340,520	Q2.S.D	Stanford University
Physiology of attention and regulation in children with ASD and LD	\$341,013	Q2.Other	Seattle Children's Hospital
Robot child interactions as an intervention tool for children with autism	\$341,773	Q4.Other	University of Connecticut

Project Title	Funding	Strategic Plan Objective	Institution
Factors associated with positive outcomes for children and youth with autism: Secondary analysis of data from SEELS and NLTS2	\$342,223	Q4.L.D	SRI International
The genetic control of social behavior in the mouse	\$342,540	Q4.S.B	University Of Hawai'i at Manoa
The impact of Pten signaling on neuronal form and function	\$346,014	Q2.Other	Dartmouth College
Methylomic and genomic impacts of organic pollutants in Dup15q syndrome	\$346,406	Q3.S.J	University of California, Davis
Psychobiological investigation of the socioemotional functioning in autism	\$347,490	Q2.Other	Vanderbilt University Medical Center
Optimizing initial communication for children with autism	\$348,461	Q4.S.G	University of Massachusetts Medical School
National Resource and Information Center on Autism Spectrum Disorder and other Developmental Disabilities	\$350,000	Q5.Other	The Arc of the United States
Vocational rehabilitation service models for individuals with autism spectrum disorders (VCU ASC Career Links)	\$350,000	Q6.S.B	Virginia Commonwealth University
SEDL's vocational rehabilitation service models for individuals with autism spectrum disorders	\$350,000	Q6.S.B	Southwest Educational Development Corporation
2/3-Atomoxetine placebo and parent training in autism	\$350,730	Q4.S.F	The Ohio State University
Learning and plasticity in the human brain	\$351,533	Q2.Other	National Institutes of Health
Olfactory abnormalities in the modeling of Rett syndrome	\$351,575	Q2.S.D	Johns Hopkins University
Development of face processing expertise	\$351,984	Q2.Other	University of Toronto
Engrailed targets and the control of synaptic circuits in Drosophila	\$352,100	Q2.Other	University of Puerto Rico Medical Sciences Campus
The microRNA pathway in translational regulation of neuronal development	\$352,647	Q2.S.D	University of Massachusetts Medical School
Interdisciplinary training for autism researchers	\$353,885	Q7.K	University of California, Davis
Delayed motor learning in autism	\$356,598	Q4.Other	Brandeis University
Emergence and stability of autism in fragile X syndrome	\$358,000	Q2.S.D	University of South Carolina
Neural basis of behavioral flexibility	\$360,214	Q2.Other	Mount Sinai School of Medicine
Extraction of functional subnetworks in autism using multimodal MRI	\$360,294	Q1.L.B	Yale University
ACE Center: Clinical Assessment Core	\$362,584	Q7.Other	Emory University
Molecular components of A-type K+ channels	\$363,366	Q2.S.E	New York University School of Medicine
Cellular density and morphology in the autistic temporal human cerebral cortex	\$363,672	Q2.Other	University of California, Davis
ACE Center: Inter-regional connectivity in the speech network of minimally verbal children	\$365,407	Q4.S.G	Boston University
Exploring the neuronal phenotype of autism spectrum disorders using induced pluripotent stem cells	\$366,529	Q4.S.B	Stanford University

Project Title	Funding	Strategic Plan Objective	Institution
Early social and emotional development in toddlers at genetic risk for autism	\$369,179	Q1.L.A	University of Pittsburgh
Virtual reality applications for the study of attention and learning in children with autism and ADHD	\$369,546	Q4.L.D	University of California, Davis
Linking local activity and functional connectivity in autism	\$370,304	Q2.Other	San Diego State University
Prostaglandins and cerebellum development	\$371,250	Q2.S.A	University of Maryland, Baltimore
Adaptive response technology for autism spectrum disorders intervention	\$371,470	Q4.Other	Vanderbilt University Medical Center
Investigation of DUF1220 domains in human brain function and disease	\$376,668	Q3.L.B	University of Colorado Denver
ACE Center: Testing the efficacy of a novel intervention for minimally verbal children with ASD	\$377,590	Q4.S.G	Boston University
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$377,663	Q4.S.B	Salk Institute for Biological Studies
Synaptic processing in the basal ganglia	\$377,815	Q2.Other	University of Washington
Neural economics of biological substrates of valuation	\$379,913	Q1.L.C	Virginia Polytechnic Institute and State University
Towards an endophenotype for amygdala dysfunction	\$380,304	Q2.Other	California Institute of Technology
Neurobiological mechanism of 15q11-13 duplication autism spectrum disorder	\$380,625	Q2.S.D	Beth Israel Deaconess Medical Center
Mechanisms of stress-enhanced aversive conditioning	\$381,250	Q4.S.B	Northwestern University
Imaging signal transduction in single dendritic spines	\$382,200	Q2.Other	Duke University
The role of MeCP2 in Rett syndrome	\$382,858	Q2.S.D	University of California, Davis
Molecular mechanisms of the synaptic organizer alpha-neurexin	\$383,267	Q2.Other	University of Michigan
Typical and pathological cellular development of the human amygdala	\$385,000	Q2.Other	University of California, Davis
Treatment of Autism Symptoms in Children (TASC): Initial RCT with active control	\$385,000	Q4.Other	University of California, Los Angeles
Neuroimaging of top-down control and bottom-up processes in childhood ASD	\$387,066	Q2.Other	Georgetown University
Auditory and integrative functions of the prefrontal cortex	\$387,285	Q2.Other	University of Rochester
Neurologin function in vivo: Implications for autism and mental retardation	\$388,575	Q4.S.B	University of Texas Southwestern Medical Center
Autism and Developmental Disabilities Monitoring (ADDM) network - Colorado	\$390,000	Q7.I	Colorado Department of Health and Environment
Allelic choice in Rett syndrome	\$390,481	Q2.S.D	Winifred Masterson Burke Medical Research Institute
ACE Center: Changing developmental trajectories through early treatment	\$390,669	Q4.L.D	Emory University

Project Title	Funding	Strategic Plan Objective	Institution
2/3-Multisite RCT of early intervention for spoken communication in autism	\$391,019	Q4.S.F	University of Rochester
The genetic and neuroanatomical origin of social behavior	\$391,250	Q4.S.B	Baylor College of Medicine
A family-genetic study of language in autism	\$391,295	Q2.S.G	Northwestern University
Cellular and genetic correlates of increased head size in autism spectrum disorder	\$393,455	Q4.S.B	Yale University
Synaptic phenotype, development, and plasticity in the fragile X mouse	\$395,134	Q2.S.D	University of Illinois at Urbana Champaign
Vasopressin receptor polymorphism and social cognition	\$395,156	Q2.Other	Georgia State University
Neurobiological signatures of social dysfunction and repetitive behavior	\$395,672	Q4.S.B	Vanderbilt University Medical Center
Motor skill learning in autism	\$395,908	Q2.Other	Kennedy Krieger Institute
Successful transition in the early school years for children with autism	\$396,871	Q5.Other	University of California, Riverside
Translational regulation of adult neural stem cells	\$396,944	Q2.S.D	University of Wisconsin - Madison
Striatal synaptic abnormalities in models of autism	\$397,396	Q4.S.B	University of Texas Southwestern Medical Center
Language development and outcome in children with autism	\$397,425	Q1.L.C	University of Connecticut
iSKILLS : The audio/video guidance repository for life skills	\$398,120	Q4.L.D	University of Georgia
LEAP-USA follow-up project	\$399,864	Q4.S.D	University of Colorado Denver
Shank3 in synaptic function and autism	\$401,250	Q2.Other	Massachusetts Institute of Technology
Neuroendocrine regulation of metabolism and neurocognition	\$402,805	Q2.S.E	National Institutes of Health
Characterization of the schizophrenia-associated 3q29 deletion in mouse	\$404,198	Q4.S.B	Emory University
High throughput screen for small molecule probes for neural network development	\$405,000	Q2.Other	Johns Hopkins University
Mechanisms of mGluR5 function and dysfunction in mouse autism models	\$406,760	Q2.S.D	University of Texas Southwestern Medical Center
Development of face processing in infants with autism spectrum disorders	\$409,613	Q1.L.B	Yale University
Social evaluation in infants and toddlers	\$409,613	Q1.L.B	Yale University
Morphogenesis and function of the cerebral cortex	\$409,613	Q2.Other	Yale University
Autism and Developmental Disabilities Monitoring (ADDM) network - Missouri	\$409,966	Q7.I	Washington University in St. Louis
Selective disruption of hippocampal dentate granule cells in autism: Impact of PT	\$411,292	Q2.S.E	Cincinnati Children's Hospital Medical Center

Project Title	Funding	Strategic Plan Objective	Institution
Autism and Developmental Disabilities Monitoring (ADDM) network - North Carolina	\$413,169	Q7.I	University of North Carolina at Chapel Hill
Social brain networks for the detection of agents and intentions	\$414,688	Q2.Other	Yale University
Dysregulation of mTOR signaling in fragile X syndrome	\$415,000	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Molecular analysis of bipolar and schizophrenia candidate genes	\$415,000	Q3.S.J	Albert Einstein College of Medicine of Yeshiva University
1/5-Randomized trial of parent training for young children with autism	\$415,097	Q4.S.D	Yale University
Restricted repetitive behavior in autism	\$416,315	Q1.L.B	University of North Carolina at Chapel Hill
Autism and Developmental Disabilities Monitoring (ADDM) network - Utah	\$417,881	Q7.I	University of Utah
Glial control of neuronal receptive ending morphology	\$418,275	Q2.Other	The Rockefeller University
New approaches to local translation: SpaceSTAMP of proteins synthesized in axons	\$419,095	Q2.S.D	Dana-Farber Cancer Institute
Autism and Developmental Disabilities Monitoring (ADDM) network - Arkansas	\$423,626	Q7.I	University of Arkansas for Medical Sciences
Role of Sema7A in functional organization of neocortex	\$423,750	Q2.S.D	Mount Sinai School of Medicine
Autism and Developmental Disabilities Monitoring (ADDM) network - South Carolina	\$424,999	Q7.I	Medical University of South Carolina
Autism and Developmental Disabilities Monitoring (ADDM) network - Arizona	\$425,000	Q7.I	University of Arizona
Autism and Developmental Disabilities Monitoring (ADDM) network - Alabama	\$425,000	Q7.I	University of Alabama at Birmingham
Autism and Developmental Disabilities Monitoring (ADDM) network - Wisconsin	\$425,000	Q7.I	University of Wisconsin - Madison
Autism and Developmental Disabilities Monitoring (ADDM) network - Maryland	\$425,000	Q7.I	Johns Hopkins University
Autism and Developmental Disabilities Monitoring (ADDM) network - New Jersey	\$425,001	Q7.I	University of Medicine & Dentistry of New Jersey
Longitudinal studies of autism spectrum disorders: 2 to 23	\$426,762	Q6.L.B	Weill Cornell Medical College
1/2-Effects of parent-implemented intervention for toddlers with autism spectrum disorder	\$427,655	Q4.S.D	Florida State University
Behavioral and neural processing of faces and expressions in nonhuman primates	\$435,600	Q2.Other	Emory University
Genetic and developmental analyses of fragile X mental retardation protein	\$438,391	Q2.S.D	Vanderbilt University Medical Center
Oxytocin receptors and social behavior	\$440,363	Q4.S.B	Emory University
Integrative functions of the planum temporale	\$440,810	Q2.Other	University of California, Irvine

Project Title	Funding	Strategic Plan Objective	Institution
ACE Network: A comprehensive approach to identification of autism susceptibility genes (supplement)	\$442,627	Q3.L.B	University of California, Los Angeles
Parenting your young child with autism: A web-based tutorial	\$443,005	Q5.L.A	Center for Psychological Consultation
Multimedia tool for psychology graduate student ASD assessment training	\$447,062	Q1.S.A	Virtual Reality Aids, Inc.
Autism Registry	\$447,613	Q7.C	Group Health Cooperative
Sensory mechanisms and self-injury	\$447,738	Q2.S.E	University of Minnesota
Networked cortical responses to movement associated with ASD	\$449,700	Q2.Other	University of Washington
E-Quality Measures development	\$450,000	Q1.S.C	MITRE
The effects of State and Federal insurance policies on quality of care for autism	\$450,534	Q5.S.A	Pennsylvania State University
Autism iPSCs for studying function and dysfunction in human neural development	\$460,152	Q4.S.B	Scripps Research Institute
High-throughput DNA sequencing method for probing the connectivity of neural circuits at single-neuron resolution	\$464,475	Q2.Other	Cold Spring Harbor Laboratory
Engrailed genes and cerebellum morphology, spatial gene expression and circuitry	\$470,003	Q2.Other	Sloan-Kettering Institute for Cancer Research
BDNF and the restoration of synaptic plasticity in fragile X and autism	\$470,063	Q2.S.D	University of California, Irvine
Sensory experiences in children with autism	\$472,116	Q1.Other	University of North Carolina at Chapel Hill
The ontogeny of social visual engagement in infants at risk for autism	\$473,149	Q1.L.A	Emory University
Function of neuroligins	\$473,710	Q2.Other	Stanford University
Analysis of Shank3 complete and temporal and spatial specific knockout mice	\$481,448	Q2.Other	Duke University
Identifying therapeutic targets for autism using Shank3-deficient mice	\$484,667	Q4.S.B	Mount Sinai School of Medicine
Cell adhesion molecules in autism: A whole-brain study of genetic mouse models	\$485,438	Q2.Other	Cold Spring Harbor Laboratory
Computer Assisted Autism Care (CAAC)	\$490,038	Q1.S.B	Indiana University-Purdue University Indianapolis
Tennessee state personnel development grant	\$492,630	Q5.Other	Tennessee Department of Education
Test of integrated language and literacy skills validation research	\$496,164	Q1.Other	Western Michigan University
Development of a social and communication intervention for preschoolers with autism	\$499,966	Q4.L.D	Kennedy Krieger Institute
Facilitating employment for youth with autism: A replication study of an internship model to identify evidence based practices	\$499,995	Q5.L.B	Virginia Commonwealth University

Project Title	Funding	Strategic Plan Objective	Institution
Development of the functional neural systems for face expertise	\$507,685	Q2.Other	University of California, San Diego
ACE Center: Assessment Core	\$510,544	Q1.L.A	Yale University
Characterizing the genetic systems of autism through multi-disease analysis	\$524,280	Q2.S.G	Harvard Medical School
Administrative Core	\$529,146	Q7.Other	University of North Carolina at Chapel Hill
Autistic traits: Life course & genetic structure	\$531,127	Q2.S.G	Washington University in St. Louis
Cell adhesion molecules in CNS development	\$534,562	Q2.Other	The Scripps Research Institute - California
Neurobiological correlates of language dysfunction in autism spectrum disorders	\$535,052	Q2.Other	The Mind Research Network
Altered placental tryptophan metabolism: A crucial molecular pathway for the fetal programming of neurodevelopmental disorders	\$535,699	Q2.S.A	University of Southern California
1/3-Multisite RCT of early intervention for spoken communication in autism	\$540,947	Q4.S.F	University of California, Los Angeles
Function and structure adaptations in forebrain development	\$541,770	Q2.Other	University of Southern California
Sensory processing and integration in autism	\$548,158	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Genetic epidemiology of complex traits	\$559,192	Q3.L.B	National Institutes of Health
Autism spectrum disorder: Birth cohort 1976-2000, epidemiology and adult status	\$560,556	Q6.Other	Mayo Clinic
Electronic location reporting for individuals with cognitive disabilities	\$561,963	Q4.S.H	Intellispeak, LLC
An open resource for autism iPSCs and their derivatives	\$562,927	Q7.D	Children's Hospital of Orange County
Executive function in children with typical and atypical language abilities	\$564,177	Q2.Other	University of Wisconsin - Madison
ACE Network: A longitudinal MRI study of infants at risk for autism (supplement)	\$565,115	Q2.L.A	University of North Carolina at Chapel Hill
Effects of chronic intranasal oxytocin	\$568,507	Q4.S.B	University of California, Davis
Taste, smell, and feeding behavior in autism: A quantitative traits study	\$570,508	Q2.Other	University of Rochester
ACE Center: Clinical Core	\$575,083	Q7.Other	Boston University
The roles of environmental risks and GEX in increasing ASD prevalence	\$575,290	Q3.L.D	Yale University
Mechanisms of synaptic alterations in a neuroinflammation model of autism	\$579,882	Q2.S.A	University of Nebraska Medical Center
Language development in fragile X syndrome	\$584,381	Q2.S.D	University of California, Davis
fcMRI in infants at high risk for autism	\$584,566	Q1.L.A	Washington University in St. Louis
Infants at risk of autism: A longitudinal study	\$587,150	Q1.L.A	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Early quantitative characterization of reciprocal social behavior	\$590,421	Q1.L.C	Washington University in St. Louis
The social brain in schizophrenia and autism spectrum disorders	\$594,733	Q2.Other	Hartford Hospital
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$600,000	Q1.L.B	University of Southern California
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$600,000	Q1.L.B	Massachusetts Institute of Technology
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$600,000	Q1.L.B	University of Illinois at Urbana Champaign
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$600,658	Q1.L.B	Carnegie Mellon University
Prenatal and neonatal biologic markers for autism	\$609,792	Q3.S.C	Kaiser Foundation Research Institute
A longitudinal MRI study of brain development in fragile X syndrome	\$610,416	Q2.S.D	University of North Carolina at Chapel Hill
Genome-wide identification of variants affecting early human brain development	\$611,005	Q2.S.G	University of North Carolina at Chapel Hill
Characterizing mechanistic heterogeneity across ADHD and autism	\$611,788	Q2.Other	Oregon Health & Science University
Genotype-phenotype relationships in fragile X families	\$612,413	Q2.S.D	University of California, Davis
Brain bases of language deficits in SLI and ASD	\$614,180	Q2.Other	Massachusetts Institute of Technology
Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism	\$615,849	Q2.Other	University of California, Irvine
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	\$618,967	Q3.S.J	Baylor College of Medicine
A neuroimaging study of twin pairs with autism	\$625,557	Q2.S.G	Stanford University
The role of the new mTOR complex, mTORC2, in autism spectrum disorders	\$625,998	Q2.Other	Baylor College of Medicine
Epigenetic and transcriptional dysregulation in autism spectrum disorder	\$629,805	Q3.S.J	University of California, Los Angeles
Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)	\$634,243	Q4.S.F	Medical University of South Carolina
Peer support and peer network interventions to improve peer relationships and school engagement	\$641,771	Q4.L.D	Vanderbilt University
GABRB3 and placental vulnerability in ASD	\$642,258	Q2.S.A	Stanford University
Dynamic regulation of Shank3 and ASD	\$646,316	Q2.Other	Johns Hopkins University
Project DATA: A multisite evaluation of a school-based model for preschoolers with autism	\$650,000	Q4.S.D	University of Oklahoma



Project Title	Funding	Strategic Plan Objective	Institution
Mathematical cognition in autism: A cognitive and systems neuroscience approach	\$652,461	Q2.Other	Stanford University
Examining the efficacy of classroom pivotal response teaching in classroom environments	\$653,534	Q4.S.D	Rady Children's Hospital Health Center
Social-emotional development of infants at risk for autism spectrum disorders	\$662,677	Q1.L.B	University of Washington
Subtyping of toddlers with ASD based on patterns of social attention deficits	\$665,455	Q1.L.B	Yale University
Comprehensive systems change through RTI and SW-PBS	\$672,525	Q5.L.C	Colorado Department of Education - Exceptional Student Leadership Unit
Efficacy of a parent-mediated intervention for one-year-olds at risk for autism	\$685,483	Q4.L.D	University of North Carolina at Chapel Hill
Next generation gene discovery in familial autism	\$688,392	Q3.L.B	University of Washington
Gene dosage imbalance in neurodevelopmental disorders	\$689,795	Q1.S.E	Weis Center for Research - Geisinger Clinic
Rapid phenotyping for rare variant discovery in autism	\$700,956	Q3.S.A	University of California, Los Angeles
Social-affective bases of word learning in fragile X syndrome and autism	\$703,969	Q1.Other	University of California, Davis
Evaluation of a comprehensive community-based intervention for toddlers with ASD	\$707,793	Q4.S.D	University of Oklahoma
RNA expression patterns in autism	\$710,306	Q3.L.B	Boston Children's Hospital
Kinetics of drug macromolecule complex formation	\$712,921	Q2.Other	University of California, San Diego
Population-based autism genetics & environment study	\$723,934	Q3.L.D	Mount Sinai School of Medicine
Novel computational methods for higher order diffusion MRI in autism	\$725,545	Q2.Other	University of Pennsylvania
Predicting useful speech in children with autism	\$726,467	Q1.L.B	Vanderbilt University Medical Center
ATN Registry	\$728,000	Q7.O	N/A
Computational characterization of language use in autism spectrum disorder	\$738,723	Q2.Other	Oregon Health & Science University
Intelligent data capture and assessment technology for developmental disabilities	\$744,906	Q1.S.B	Caring Technologies, Inc.
Improving social-communication, literacy, and adaptive behaviors for young children with autism spectrum disorders	\$745,000	Q4.L.D	University of Kansas
A randomized trial of the SCERTS curriculum for students with autism spectrum disorders in early elementary school classrooms	\$749,849	Q4.S.D	Florida State University
A family-genetic study of autism and fragile X syndrome	\$751,420	Q2.S.D	Northwestern University
Software to enrich the noun lexicons and lexical learning of children with autism	\$756,189	Q4.L.D	Laureate Learning Systems, Inc.

Project Title	Funding	Strategic Plan Objective	Institution
The role of germline mutation and parental age in autism spectrum disorders	\$757,596	Q3.S.C	University of California, San Diego
Dissecting the neural control of social attachment	\$764,775	Q4.S.B	University of California, San Francisco
Impact of SynGAP1 mutations on synapse maturation and cognitive development	\$789,981	Q2.Other	The Scripps Research Institute - Florida
Animal model of genetics and social behavior in autism spectrum disorders	\$791,070	Q2.S.G	Duke University
Using induced pluripotent stem cells to identify cellular phenotypes of autism	\$792,000	Q4.S.B	Stanford University
Evaluating the efficacy of the school-based Social Competence Intervention for Adolescents (SCI-A) with high functioning autism	\$797,258	Q4.L.D	University of Missouri
The genetic basis of mid-hindbrain malformations	\$798,866	Q2.S.G	Seattle Children's Hospital
SHB: Type II (INT): Synthesizing self-model and mirror feedback imageries with applications to behavior modeling for children with autism	\$798,912	Q2.Other	University of Kentucky Research Foundation
Effectiveness and implementation of a mental health intervention for ASD	\$804,837	Q5.L.A	University of California, San Diego
Autism: Social and communication predictors in siblings	\$805,136	Q1.L.A	Kennedy Krieger Institute
3/3-Multisite RCT of early intervention for spoken communication in autism	\$813,835	Q4.S.F	Kennedy Krieger Institute
Toward outcome measurement of anxiety in youth with autism spectrum disorders	\$829,922	Q1.L.B	Yale University
Autism genetics: Homozygosity mapping and functional validation	\$850,815	Q3.S.A	Boston Children's Hospital
Advancing Social-Communication and Play (ASAP): An intervention program for preschoolers with autism	\$859,119	Q4.S.D	University of North Carolina at Chapel Hill
Joint attention mediated learning intervention for toddlers with autism spectrum disorders and their families	\$879,424	Q4.S.D	Indiana University
A computer-based social intervention for students with high functioning ASD: Using technology to improve special education	\$899,994	Q4.L.D	3-C Institute for Social Development
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Data Coordinating Center	\$900,000	Q3.L.D	Michigan State University
National Database on Autism Research	\$900,000	Q7.H	Center for Information Technology
Longitudinal MRI study of brain development in fragile X	\$901,844	Q2.S.D	Stanford University
A collaborative translational autism research program for the military.	\$903,888	Q2.S.G	Nationwide Children's Hospital
Neurobehavioral research on infants at risk for SLI and autism	\$944,962	Q1.L.A	Boston University
Animal models Of neuropsychiatric disorders	\$974,415	Q4.S.B	National Institutes of Health

Project Title	Funding	Strategic Plan Objective	Institution
Early detection of pervasive developmental disorders	\$992,563	Q1.S.A	University of Connecticut
ACE Network: Multigenerational Familial and Environmental Risk for Autism (MINERVA) Network	\$1,000,000	Q3.L.D	Mount Sinai School of Medicine
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	\$1,020,000	Q3.L.D	Kaiser Foundation Research Institute
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	\$1,020,000	Q3.L.D	University of Pennsylvania/Children's Hospital of Philadelphia
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	\$1,020,001	Q3.L.D	University of North Carolina at Chapel Hill
The cognitive neuroscience of autism spectrum disorders	\$1,074,095	Q2.Other	National Institutes of Health
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Colorado	\$1,110,000	Q3.L.D	Colorado Department of Health and Environment
Dysregulation of protein synthesis in fragile X syndrome	\$1,117,731	Q2.S.D	National Institutes of Health
Metropolitan Atlanta Developmental Disabilities Surveillance Program/Autism and Developmental Disabilities Monitoring (ADDM) network - Georgia	\$1,149,236	Q7.I	Centers for Disease Control and Prevention (CDC)
AIR-P Research RFAs	\$1,188,715	Q7.K	N/A
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$1,314,749	Q1.L.B	Georgia Tech Research Corporation
Autism Intervention Research Network on Behavioral Health (AIR-B network)	\$1,405,365	Q4.S.D	University of California, Los Angeles
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Georgia	\$1,451,838	Q3.L.D	Centers for Disease Control and Prevention (CDC)
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland	\$1,520,000	Q3.L.D	Johns Hopkins University
Functional anatomy of face processing in the primate brain	\$1,660,304	Q2.Other	National Institutes of Health
Studies of genetic and metabolic disorders, autism and premature aging	\$1,667,480	Q4.S.B	National Institutes of Health
Autism risk, prenatal environmental exposures, and pathophysiologic markers	\$1,815,424	Q3.S.C	University of California, Davis
Environment, the perinatal epigenome, and risk for autism and related disorders	\$1,976,271	Q3.S.J	Johns Hopkins University
Roles of oxytocin and vasopressin in brain	\$1,990,068	Q4.S.B	National Institutes of Health
ACE Network: Early pharmacotherapy guided by biomarkers in autism	\$1,996,122	Q4.S.F	Wayne State University
Center on Secondary Education for Students with Autism Spectrum Disorders (CESA)	\$2,000,903	Q4.L.D	University of North Carolina at Chapel Hill
Autism Intervention Research Network on Physical Health (AIR-P network)	\$2,079,996	Q4.S.A	Massachusetts General Hospital

Project Title	Funding	Strategic Plan Objective	Institution
Omnitec Solution for the NIMH National Database for Autism Research	\$2,204,000	Q7.H	National Institutes of Health
Clinical and behavioral phenotyping of autism and related disorders	\$2,241,297	Q1.L.B	National Institutes of Health
Genomic and epigenomic effects of large CNV in neurons from iPSC	\$2,355,000	Q2.S.G	Stanford University
Pediatric brain imaging	\$2,419,583	Q2.L.A	National Institutes of Health
Learn the signs. Act early. - Improving early identification of ASDs through improved parental awareness of developmental milestones	\$2,462,795	Q5.L.A	Centers for Disease Control and Prevention (CDC)
ACE Network: Study of Oxytocin in Autism to Improve Reciprocal Social Behaviors (SOARS-B)	\$2,589,347	Q4.L.A	University of North Carolina at Chapel Hill
ACE Network: A longitudinal MRI study of infants at risk for autism	\$2,619,590	Q2.L.A	University of North Carolina at Chapel Hill
ACE Network: A comprehensive approach to identification of autism susceptibility genes	\$2,631,440	Q3.L.B	University of California, Los Angeles
ACE Network: Early biomarkers of autism spectrum disorders in infants with tuberous sclerosis	\$2,649,781	Q1.L.A	Boston Children's Hospital
ACE Network: Adaptive interventions for minimally verbal children with ASD in the community	\$2,755,427	Q4.S.G	University of California, Los Angeles
ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) Network	\$2,835,202	Q3.L.A	Drexel University
Gene-environment interactions in an autism birth cohort	\$3,012,046	Q3.L.D	Columbia University
ACE Network: Multimodal developmental neurogenetics of females with ASD	\$3,118,985	Q2.S.B	Yale University
Neonatal biomarkers in extremely preterm babies predict childhood brain disorders	\$3,478,718	Q3.S.H	Boston Medical Center
Office of the Scientific Director	\$11,422,709	Q7.Other	National Institutes of Health

